Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 25 Aug 2023 until 23:59 on Saturday 26 Aug 2023

Forecast Issued on Friday 25 Aug 2023 at 01:42

Confidence: High confidence for cooler, showery conditions Friday and Saturday and for overall evolution. Moderate for extent and timing of showers. Low for thunderstorm detail and from Tuesday onwards.

Headline for Friday 25 Aug 2023: Bright or sunny spells and showers. Showers perhaps heavy and thundery at times.

Mountain weather hazards on Friday 25 Aug 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Light rain showers	Light rain showers	Sunny intervals	Heavy rain showers (night)
Precipitation probability					
20%	20%	40%	30%	20%	30%

Forecast for Friday 25 Aug 2023

Weather: Clear spells overnight, with some areas of low cloud forming, mainly north of the A628 and around Saddleworth Moor. Cloud gradually lifting during the morning and sunny spells developing, but also scattered showers. Showers may be locally heavy and thundery at times, especially towards midnight. Showers may band into longer spells of rain at times.

Chance of cloud-free hill tops above 600m: 40% in the northwest at first, 60% elsewhere. 80% by mid-morning.

Low cloud and visibility: Areas of low cloud, bases 400-500m, developing before dawn. Cloud bases lifting during the morning to be above hills, but perhaps just touching the highest summits in heavier or prolonged showers. Visibility poor in heavy showers, but otherwise good or very good outside of cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 25 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/19 SW	14/19 SW	13/19 W	12/17 W	14/19 W	12/18 W	14/19 SW
300	9/14 SW	11/15 SW	10/15 W	10/16 W	9/15 W	8/13 SW	9/15 SW
Valley	3/11 S	7/14 SW	8/15 W	9/17 W	8/16 W	5/13 SW	5/12 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	10/7	11/8	11/8	10/8	9/6	9/5
300	11/9	12/10	13/12	14/12	13/11	12/10	11/9
Valley	11/10	13/12	14/13	14/13	14/12	12/11	11/10
Freezing Level*	2100m	2000m	2100m	2100m	1900m	2000m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Risk of heavy or thundery downpours making footpaths and rock surfaces slippery with some watercourses becoming swollen. Moderate UV levels still likely in sunny spells between showers, mainly towards the south and east.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 25 Aug 2023	1mm	2mm	3mm

Forecast for Saturday 26 Aug 2023

Weather: Overnight heavy, locally thundery, showers persisting through the early hours. Widely unsettled, as frequent slow-moving, heavy, and occasionally thundery, showers continue to track across the Peaks. Showers may band into more prolonged spells of rain at times before tending to ease into the evening. Mist patches forming around midnight.

Maximum wind: West 10-15 mph, gusting 20 mph.

Chance of cloud-free hill tops above 600m: 40%, becoming 80% by mid-afternoon.

Low cloud and visibility: Areas of cloud during the morning with bases around 500m. Cloud gradually lifting by the afternoon to be above the hills. Bases shrouding higher routes for prolonged periods around slow-moving showers. Cloud breaking to give clear spells from mid-afternoon. Visibility poor or very poor in heavy showers, but otherwise good outside of cloud. Poor in any late mist.

Temperature: **Valleys:** Plus 11 Celsius becoming plus 17 Celsius.
At 600m: Plus 9 Celsius becoming plus 13 Celsius.
Freezing level: Above the hills.

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